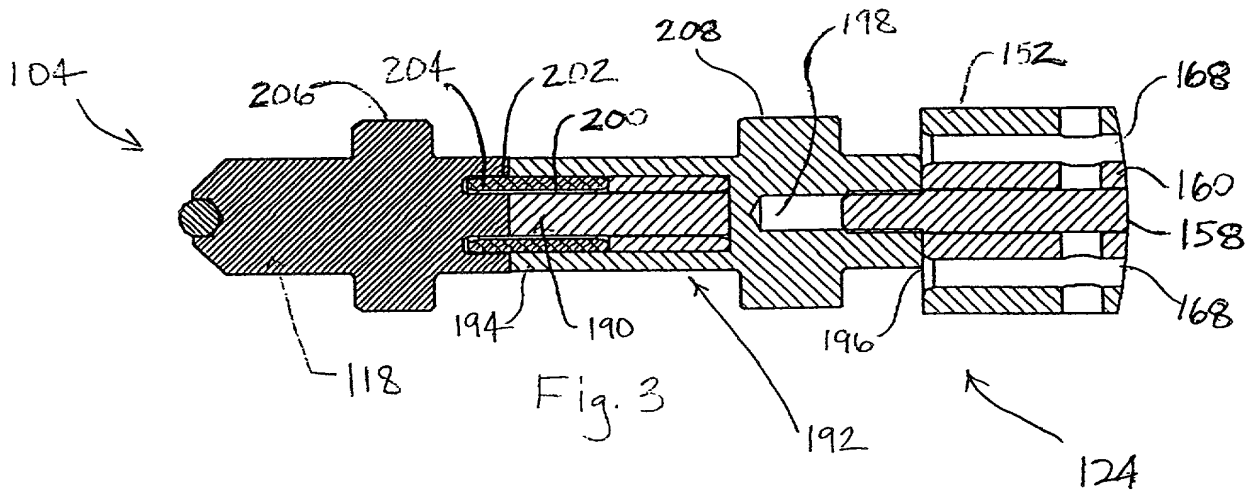
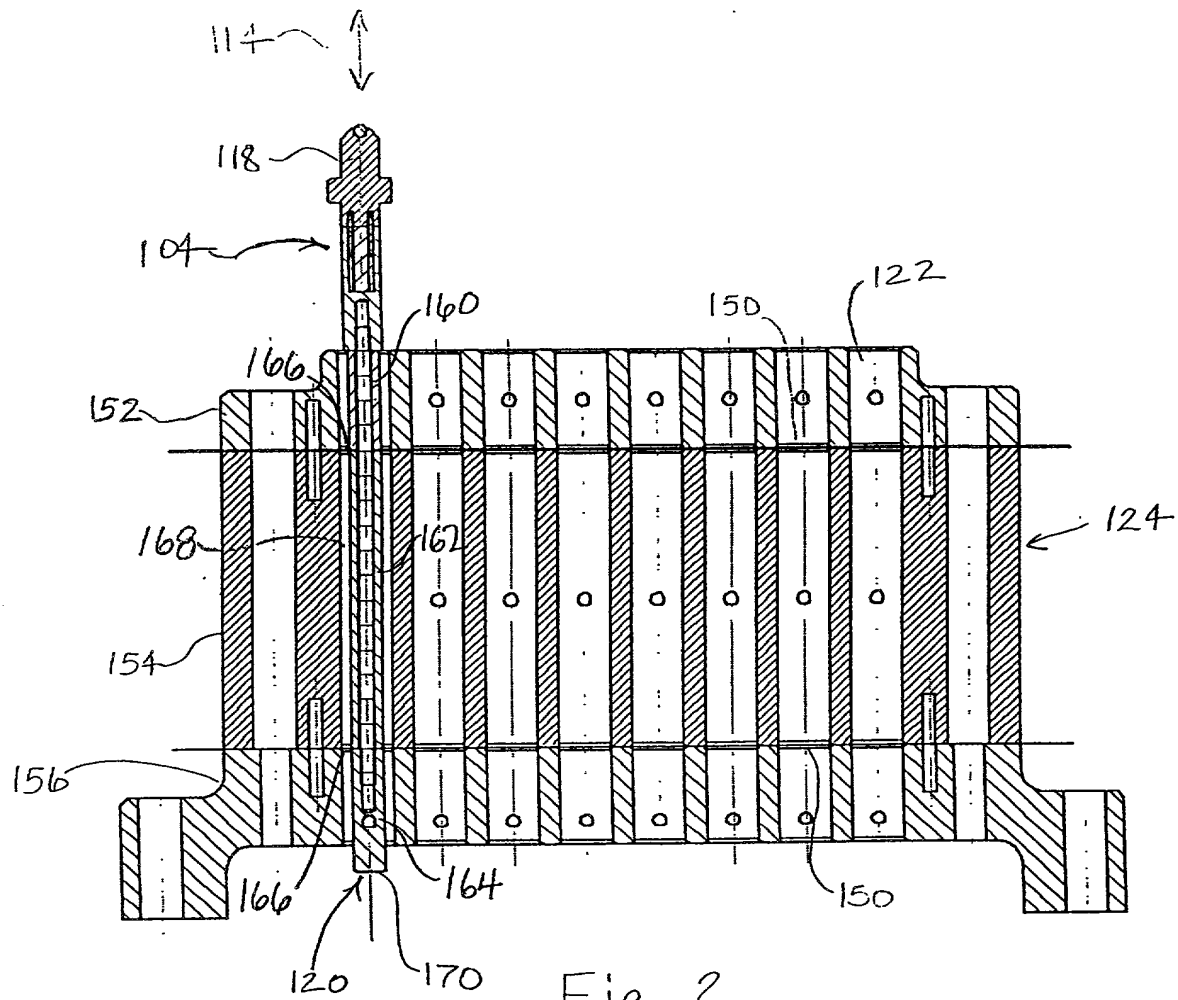


Fig. 1



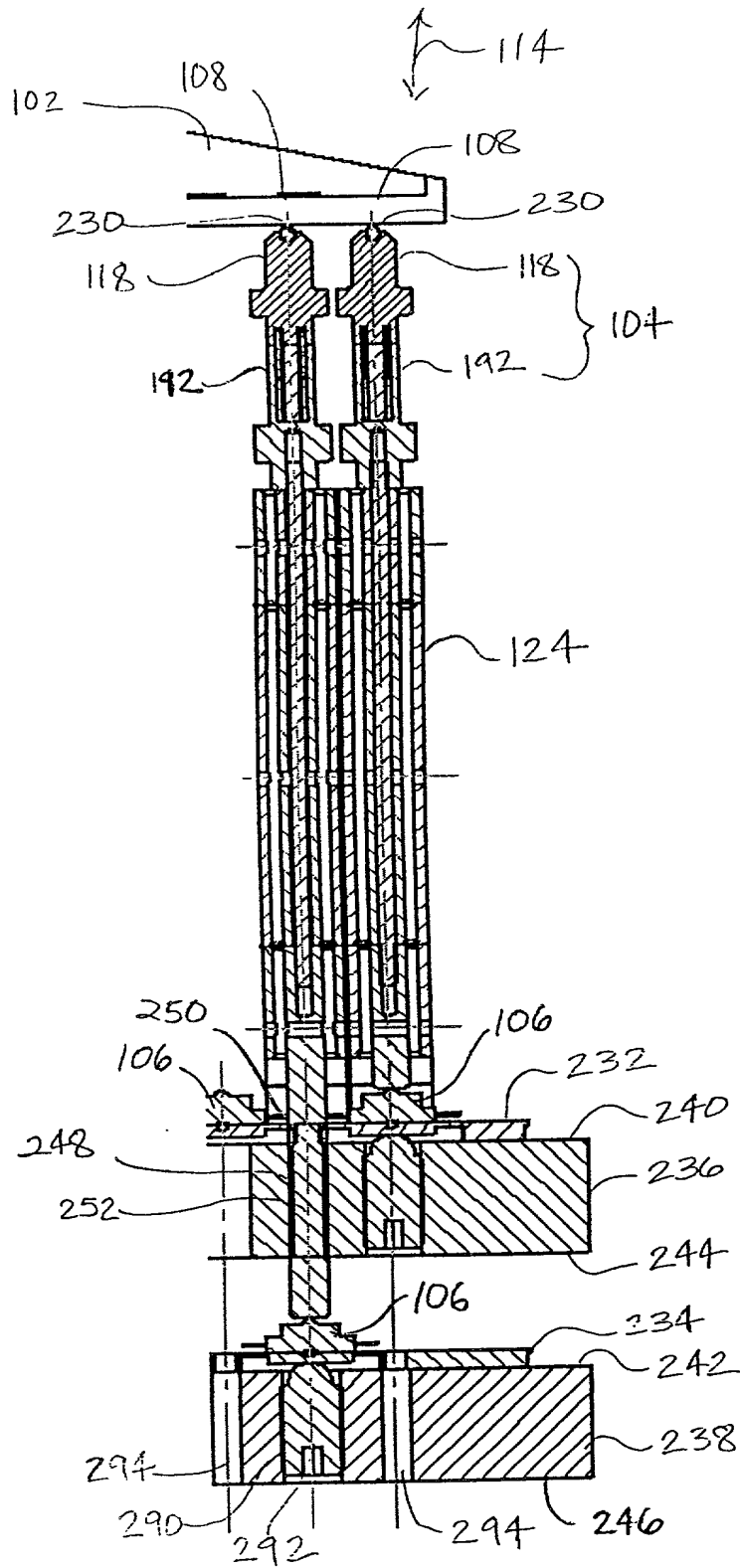


Fig. 4

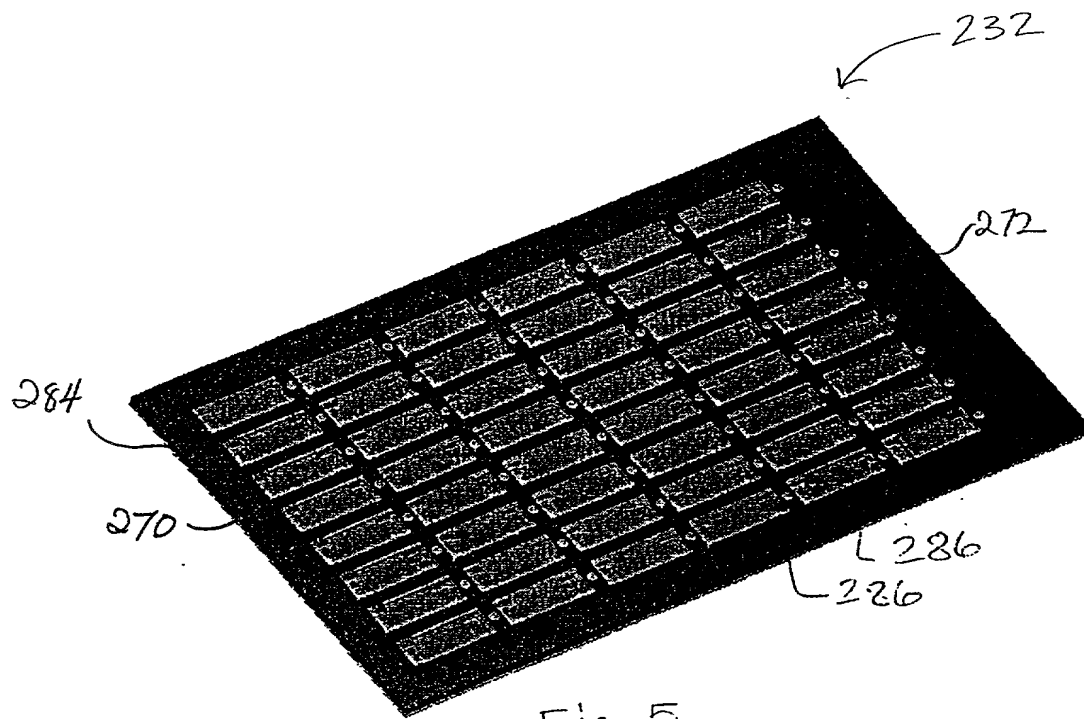


Fig. 5

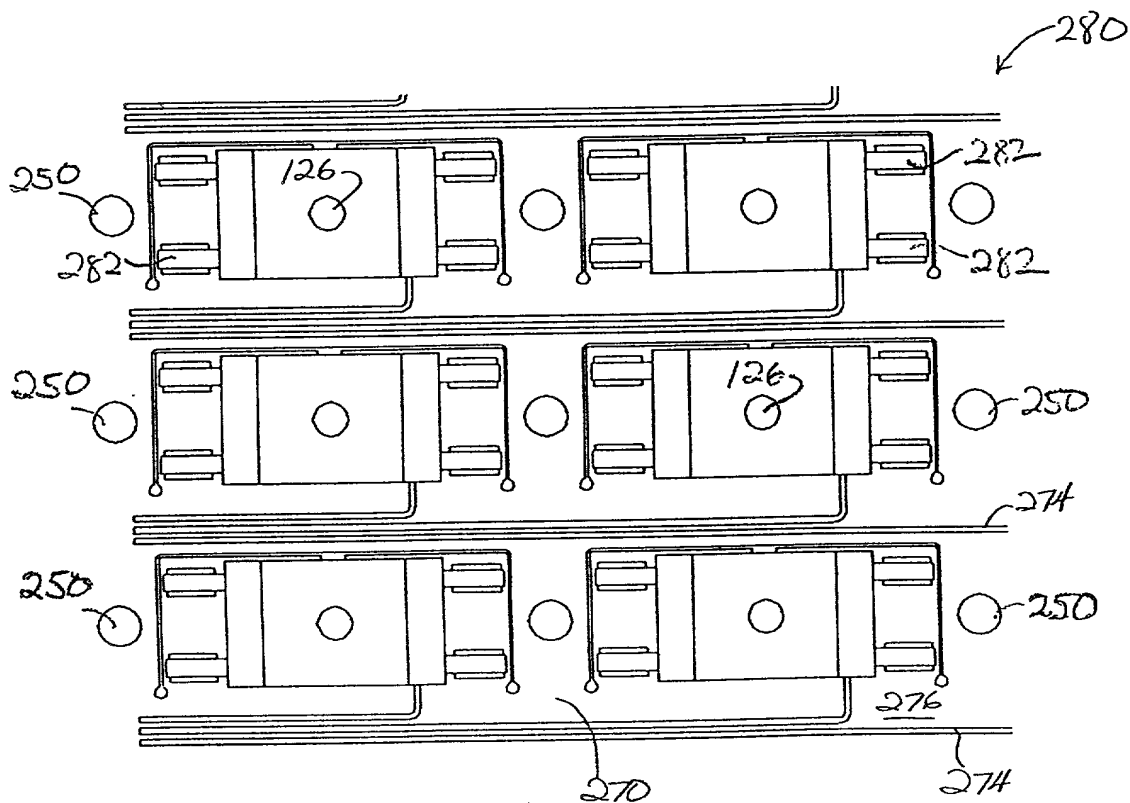


Fig. 6

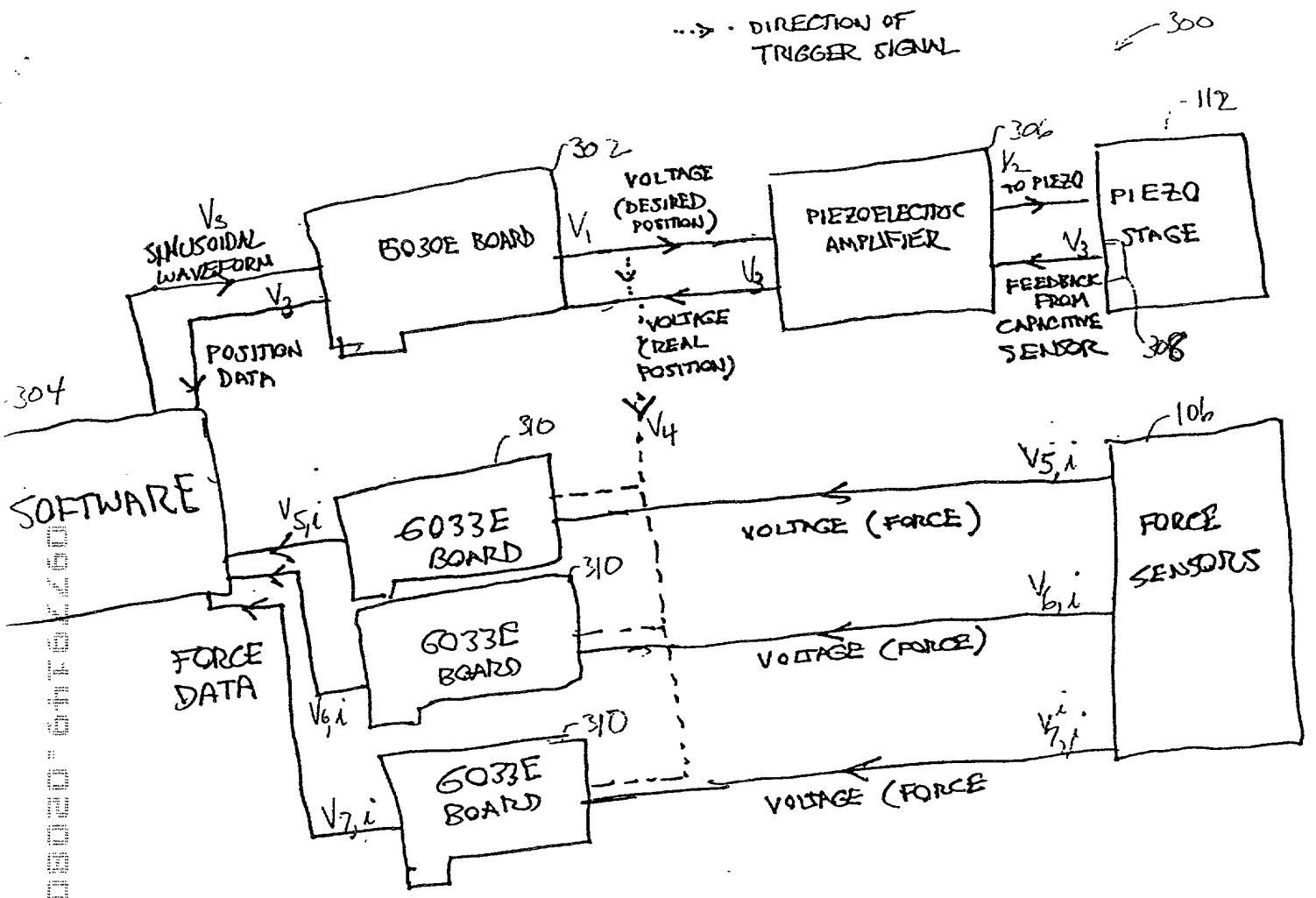
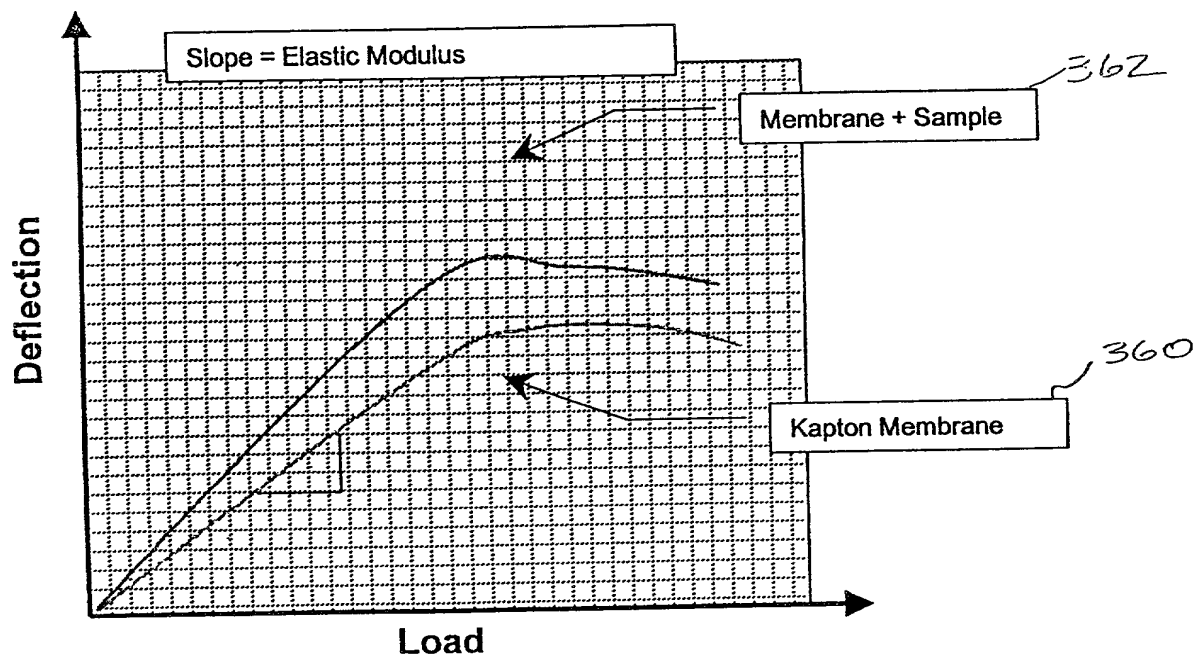
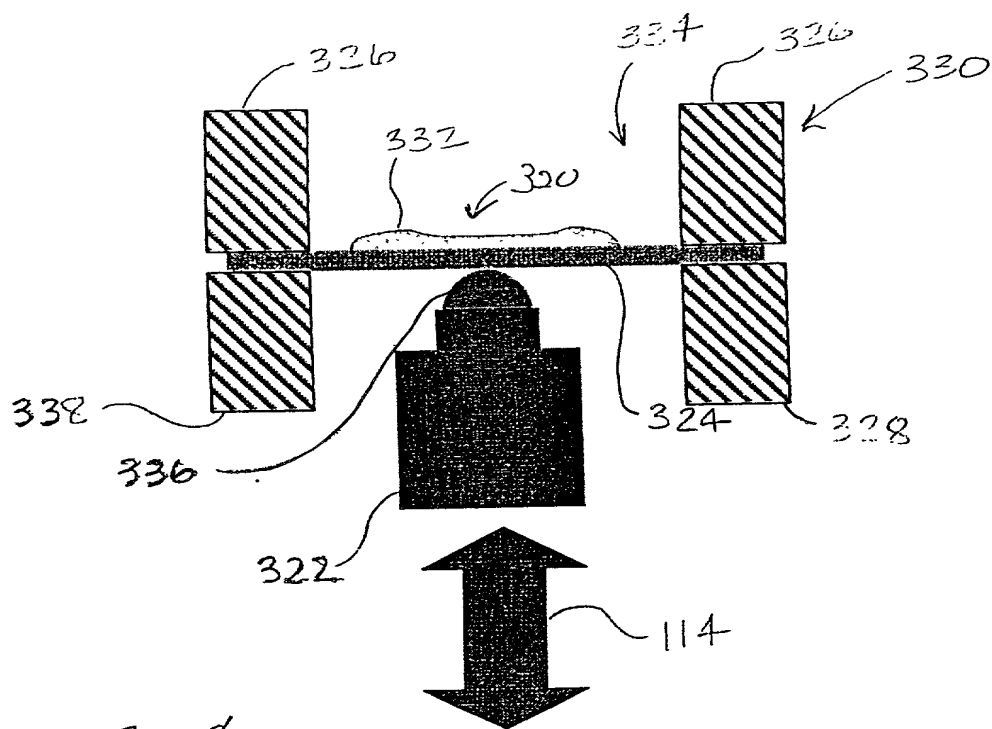


Fig. 7



Force (mN)

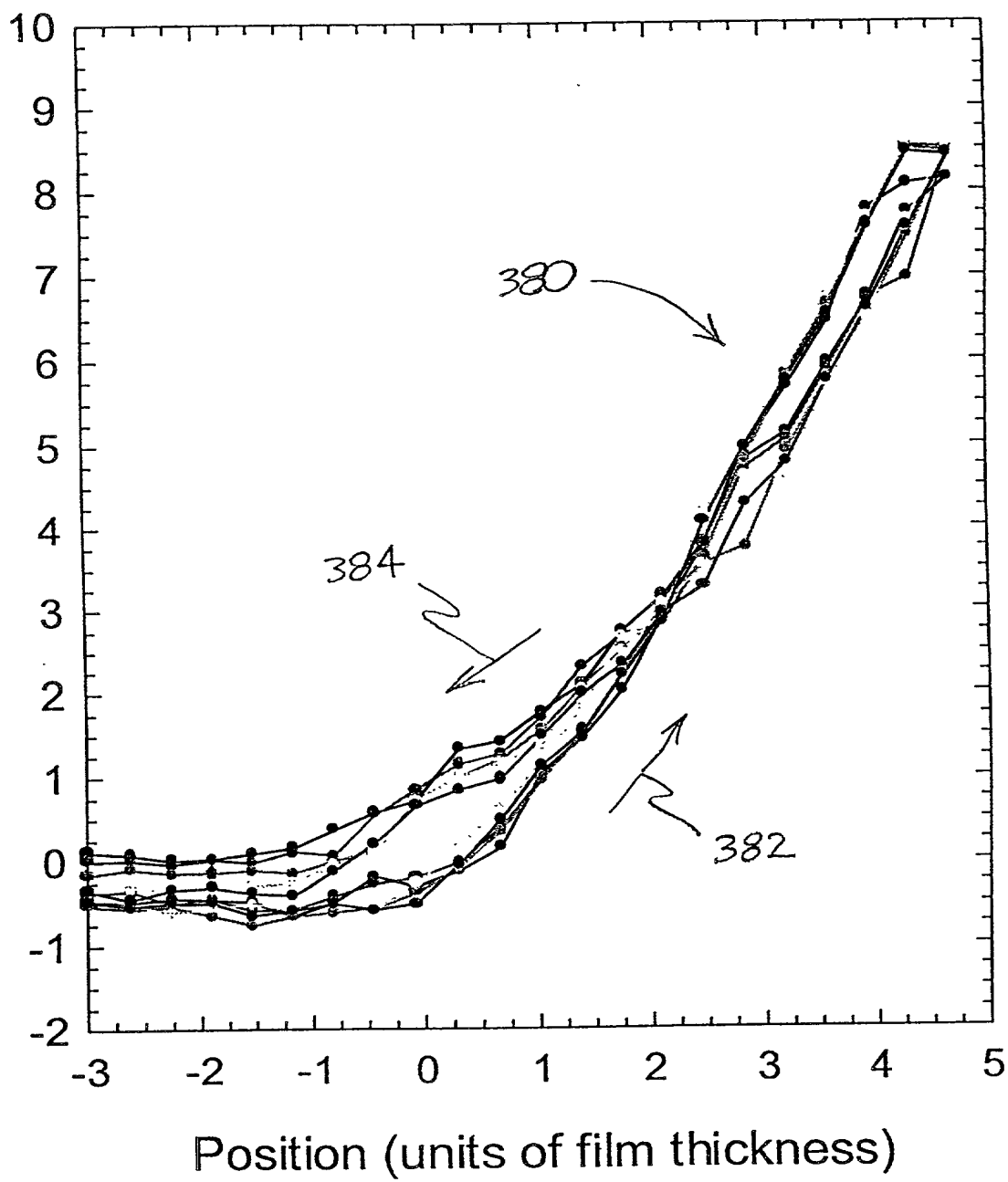


Fig. 10

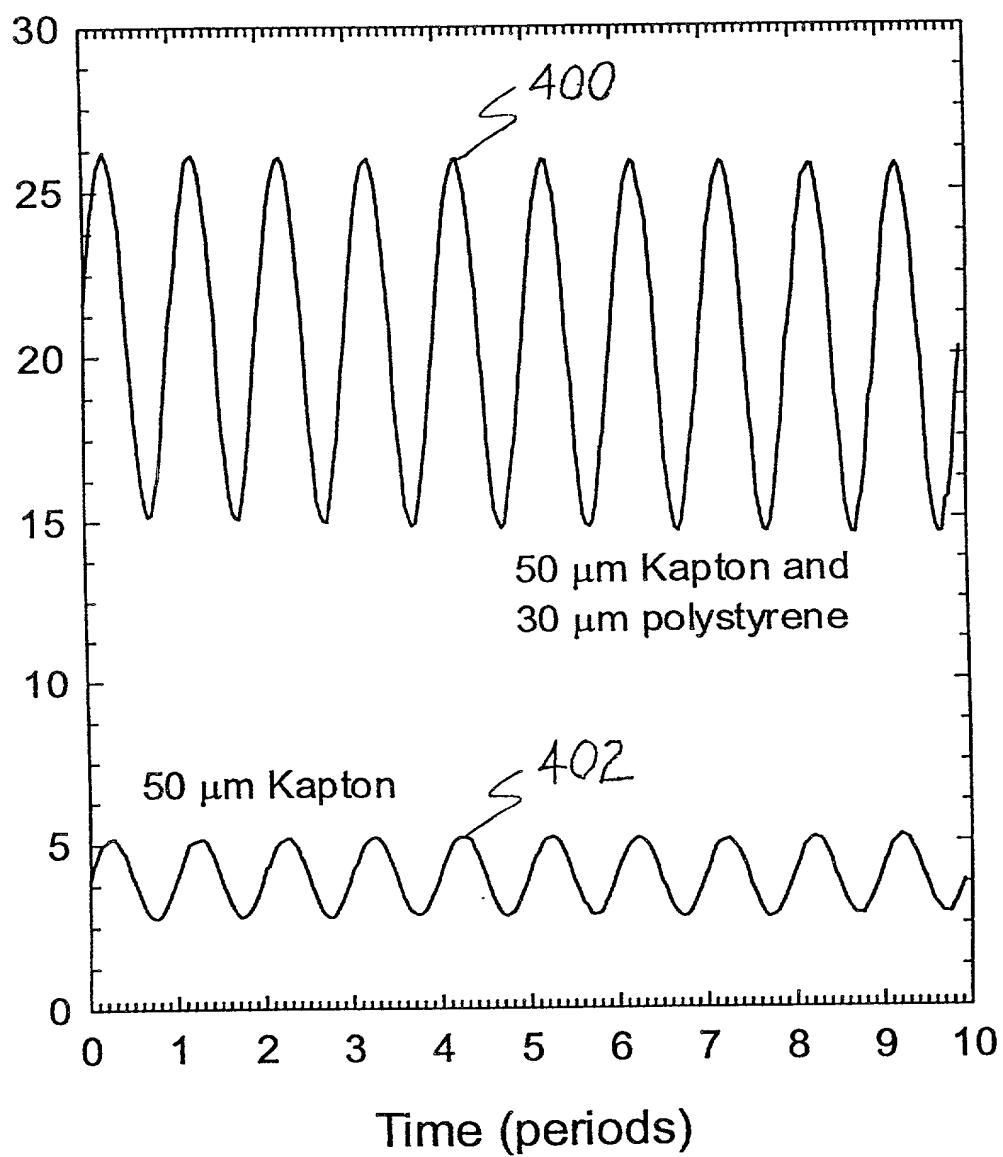
[illegible]

Fig. 11



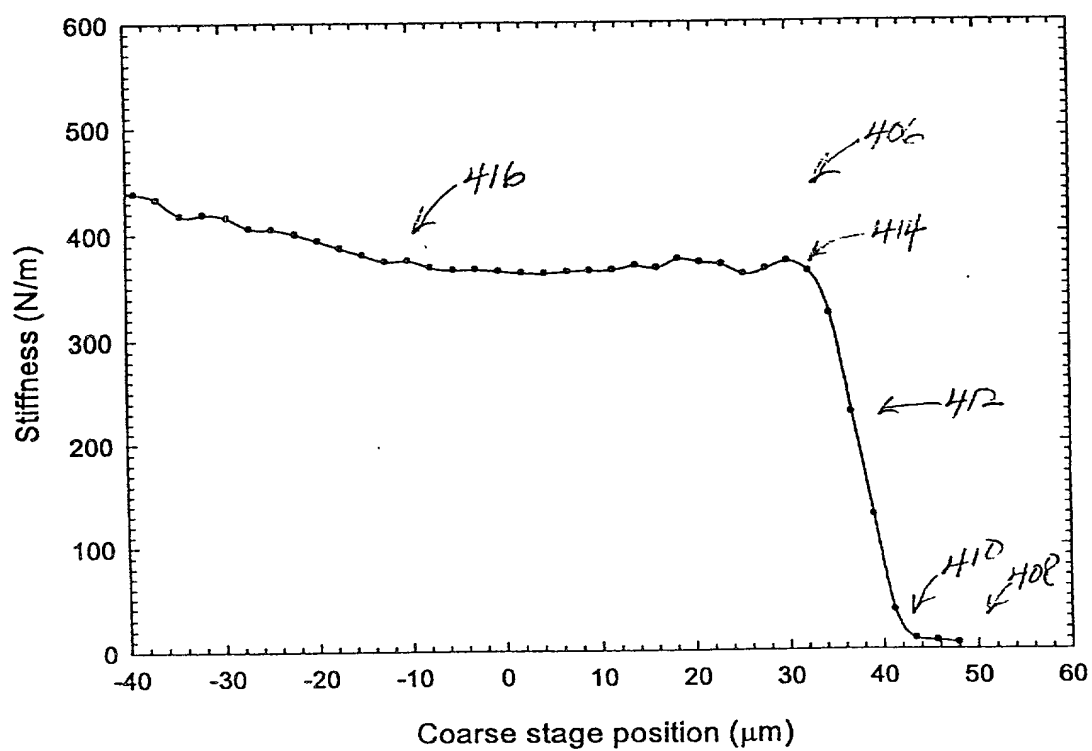


Fig. 12

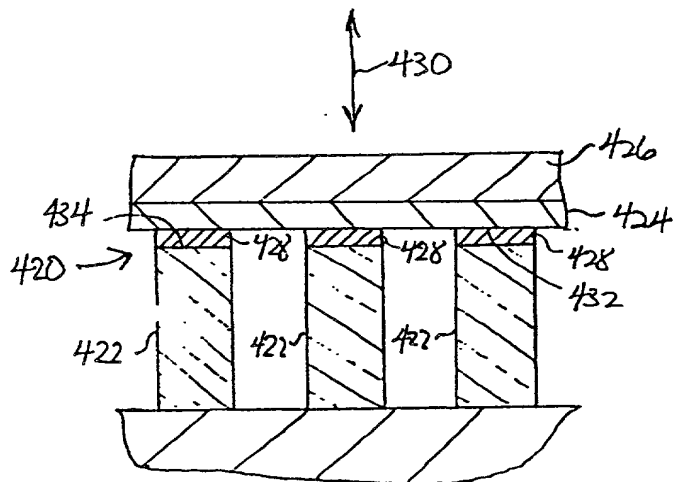


Fig. 13

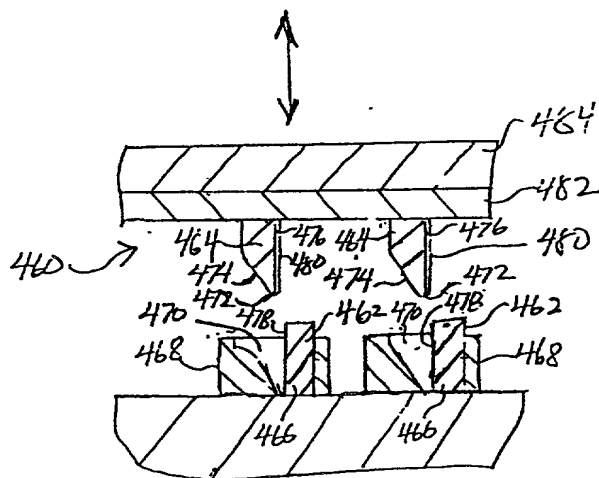


Fig. 14.

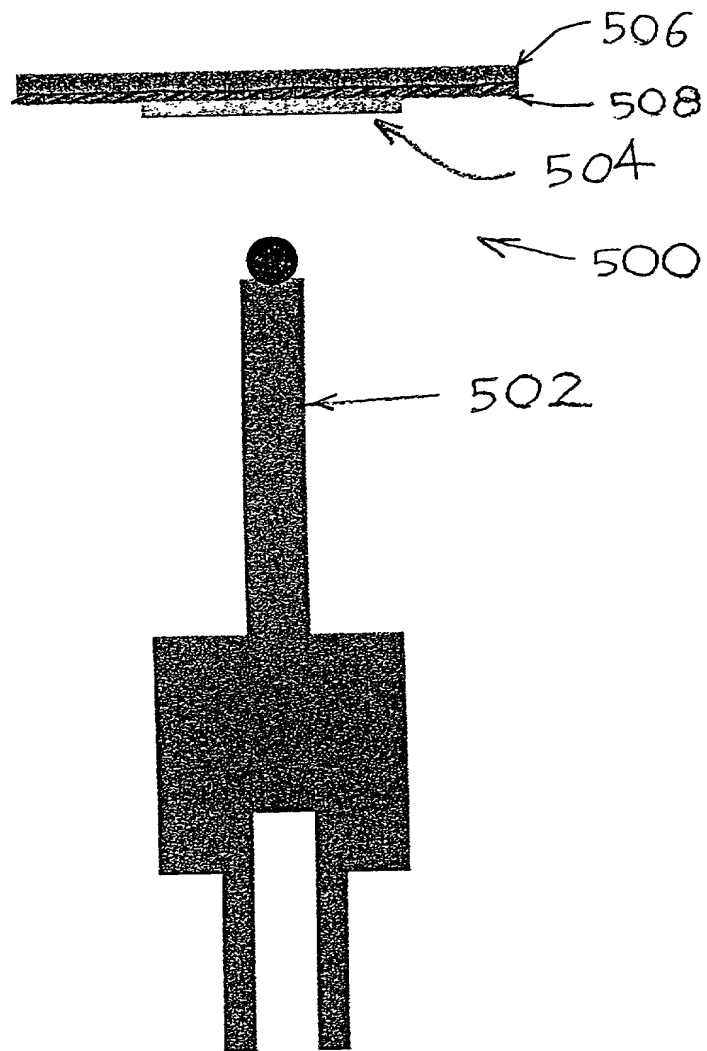


Fig. 15

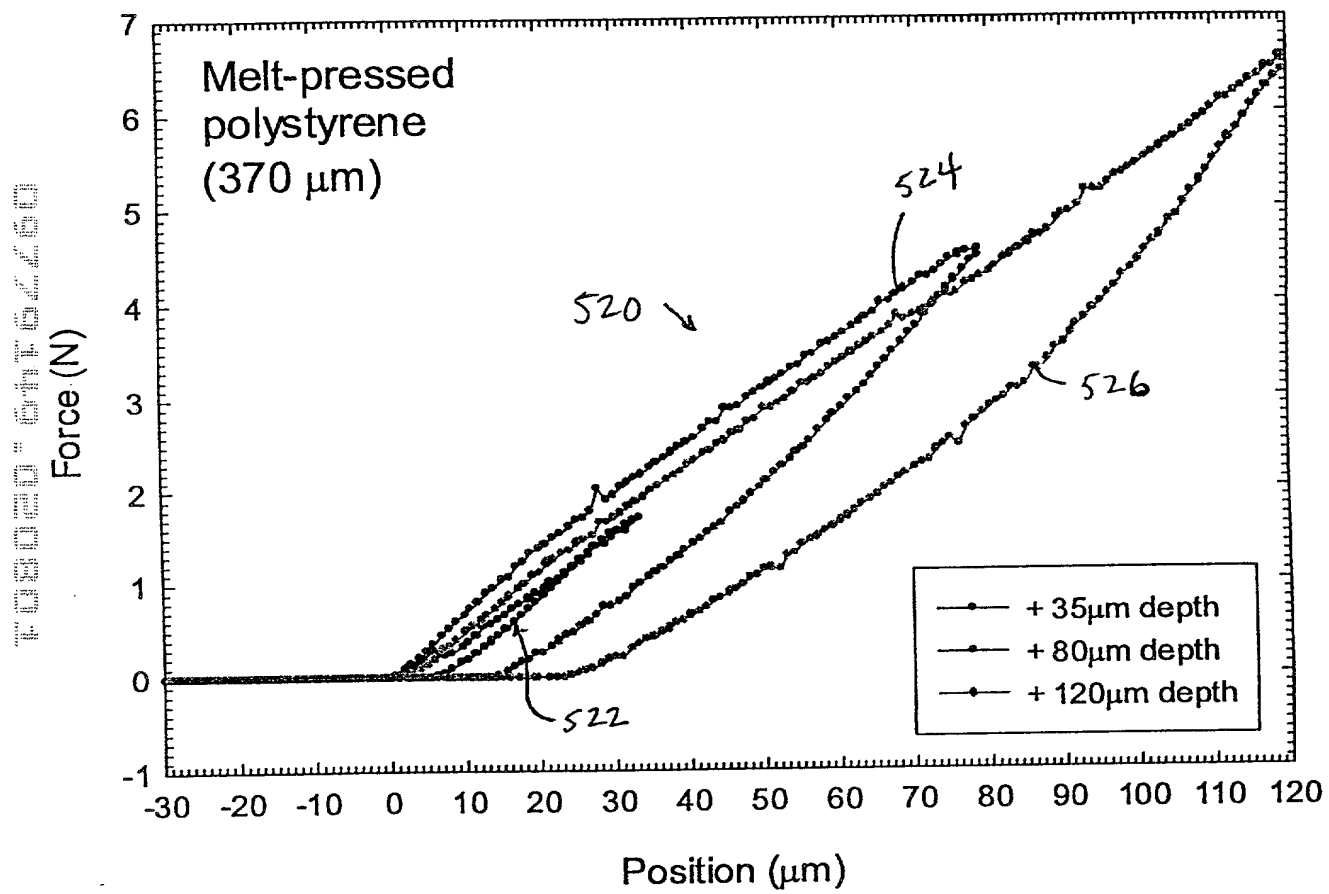


Fig. 16

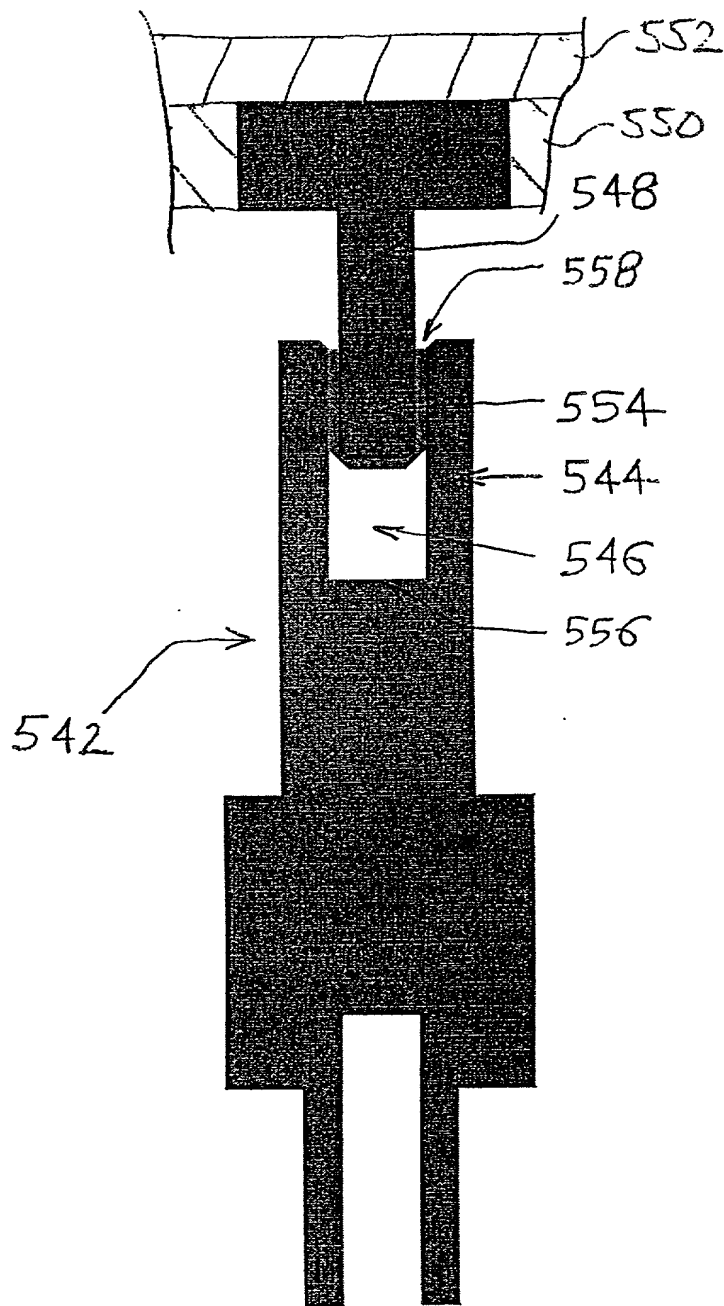


Fig. 17

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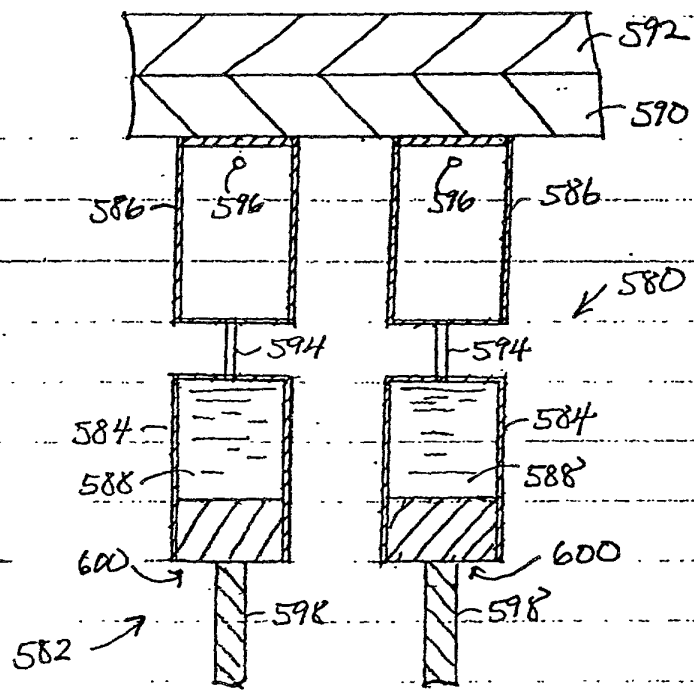


Fig. 18

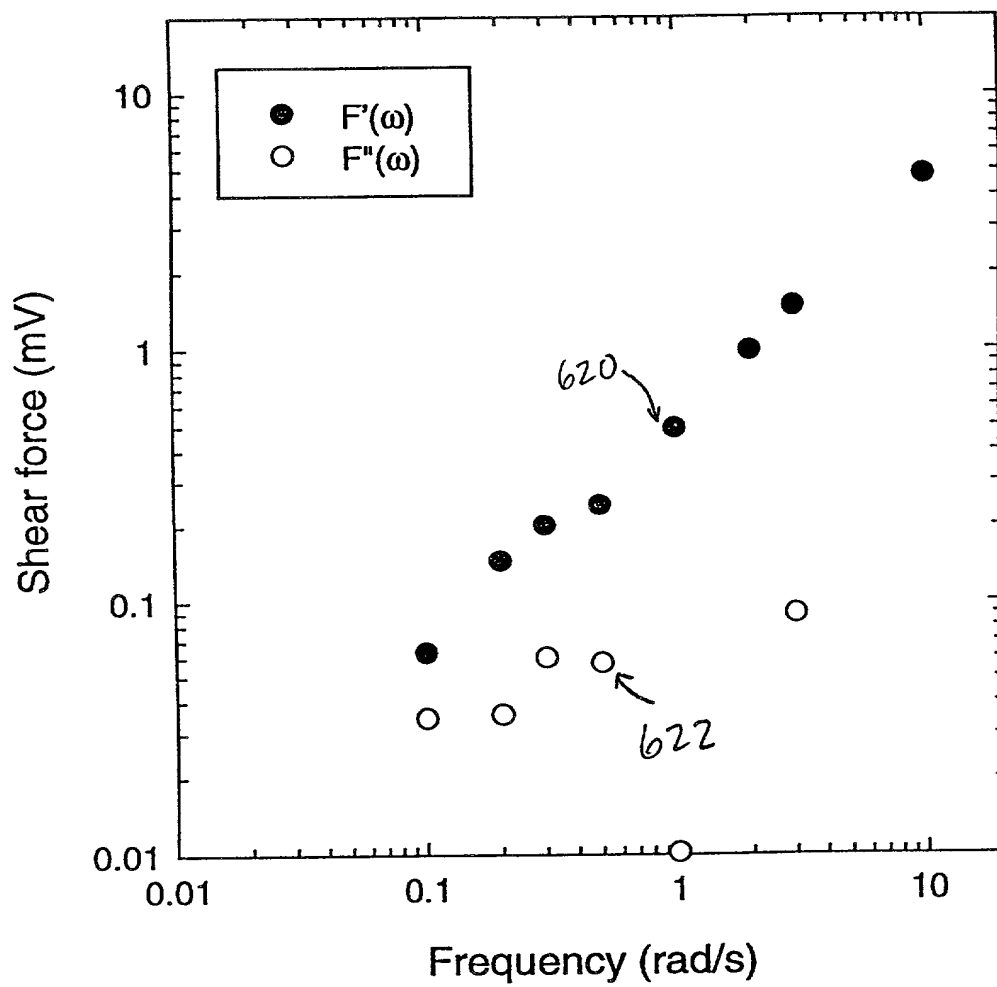


Fig. 19





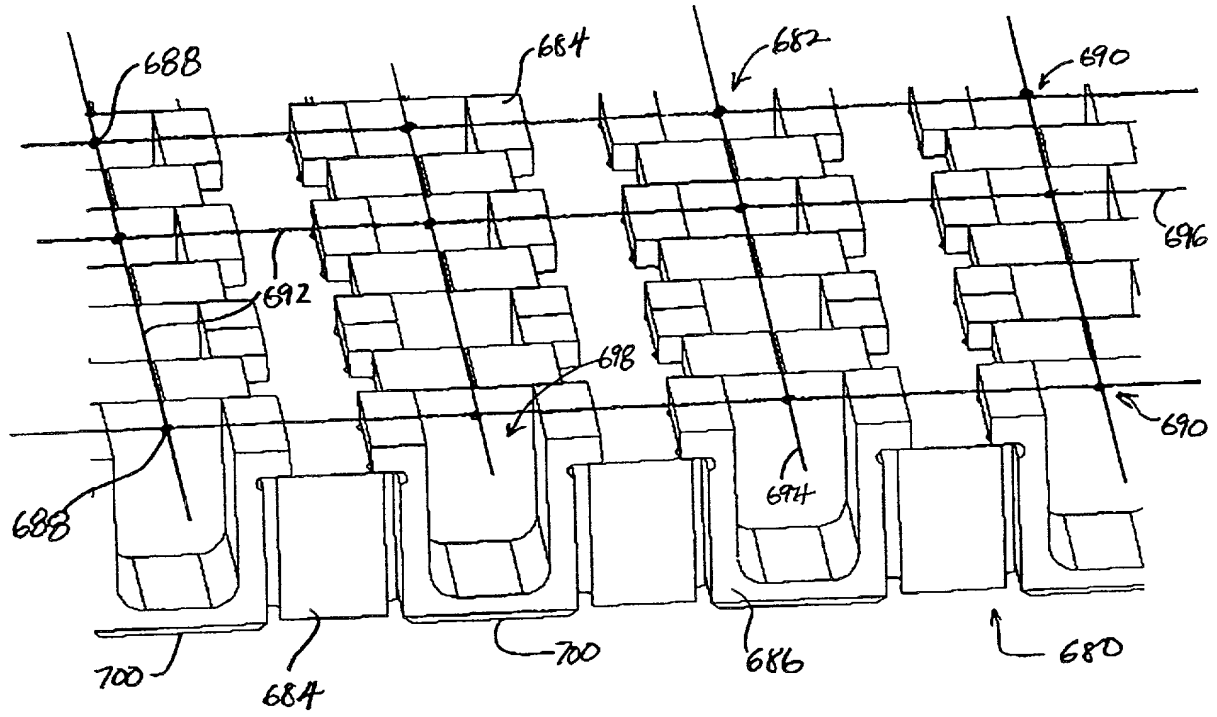


Fig. 21

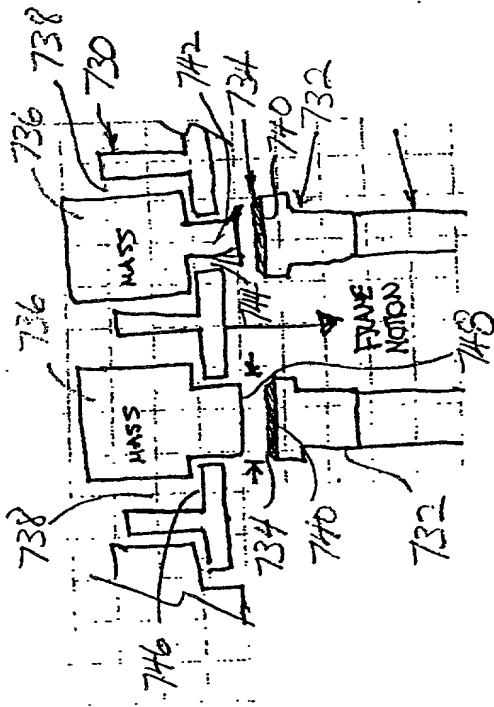


Fig. 22

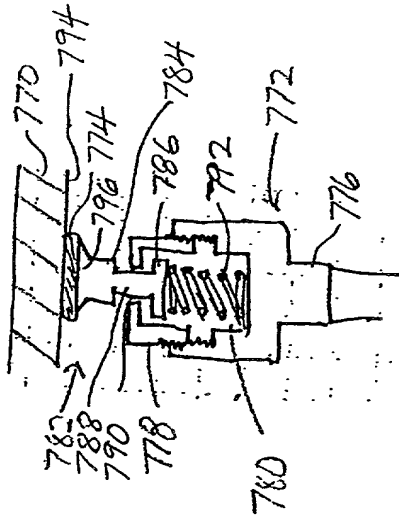


Fig. 23



# Typical solid modulus data

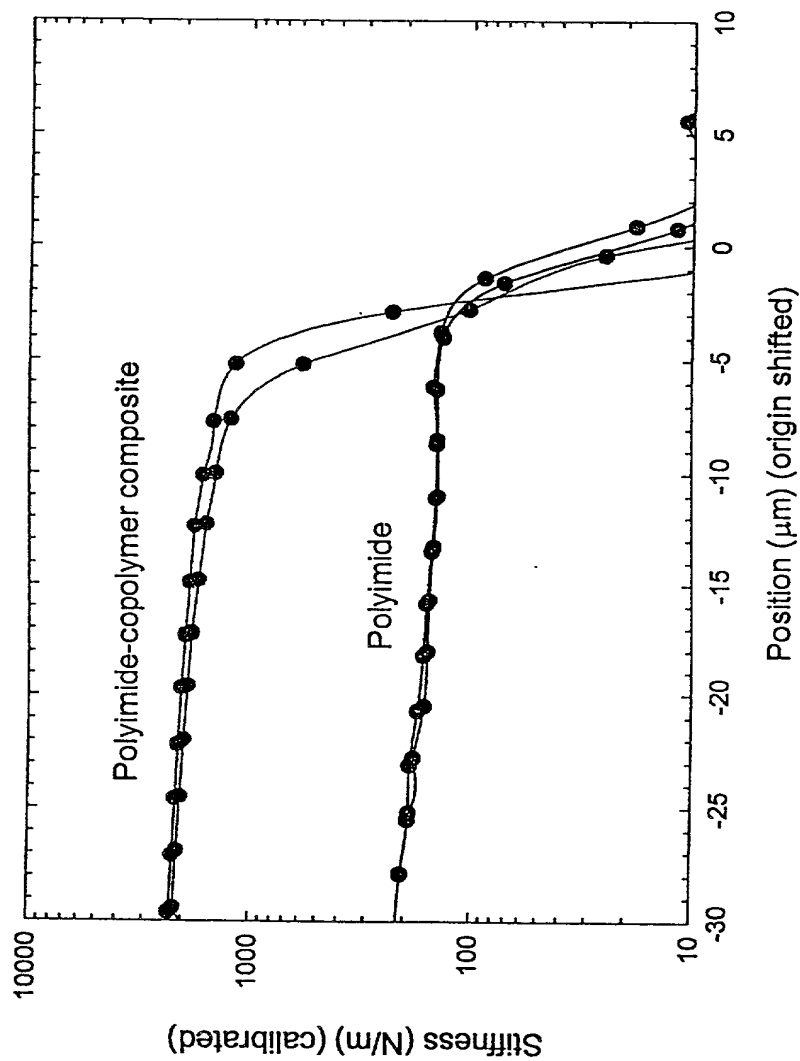


Fig 25